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FILE 'HAPLUS' ENTERED AT 13:23:07 ON 19 APR 2007
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=> s basic zinc carbonate
L1 699 BASIC ZINC CARBONATE
L2
L3 16 L1 AND PYRITHIONE

=> dup rem L2
PROCESSING COMPLETED FOR L2
L3 16 DUP REM L2 (0 DUPLICATES REMOVED)
=> d L3 1-16 ibib abs

L3 ANSWER 1 OF 16 HCAPLUS COPYRIGHT 2007 ACS ON STN
ACCESSION NUMBER: 2007:41284 HCAPLUS Full-text
DOCUMENT NUMBER: 146:128057
TITLE: Personal care compositions comprising a non-binding thickener with a metal ion
INVENTOR(S): Niebauer, Michael Frederick; Lane, Brandon Scott; Schwartz, James Robert; Warnke, David Thomas
PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 38pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2007004201	A1	20070111	WO 2006-IB52286	20060706
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GU, HR, HU, ID, IL, IN, IS, JP, KE, KG, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW			

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NEWS 2 JAN 08 CHEMLIST enhanced with New Zealand Inventory of Chemicals

NEWS 3 JAN 16 CA/CAPLUS Company Name Thesaurus enhanced and reloaded

NEWS 4 JAN 16 IPC version 2007.01 thesaurus available on STN

NEWS 5 JAN 16 WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data

NEWS 6 JAN 22 CA/CAPLUS updated with revised CAS roles

NEWS 7 JAN 22 CA/CAPLUS enhanced with patent applications from India

NEWS 8 JAN 29 PHAR reloaded with new search and display fields

NEWS 9 JAN 29 CAS Registry Number crossover limit increased to 300,000 in multiple databases

NEWS 10 FEB 15 PATDPASPC enhanced with Drug Approval numbers

NEWS 11 FEB 15 RUSSAPAT enhanced with pre-1994 records

NEWS 12 FEB 23 KOREAPAT enhanced with IPC 8 features and functionality

NEWS 13 FEB 26 MEDLINE reloaded with enhancements

NEWS 14 FEB 26 EMBASE enhanced with Clinical Trial Number field

NEWS 15 FEB 26 TOXCENTER enhanced with reloaded MEDLINE

NEWS 16 FEB 26 IFCDB/IFPAT/IFIUDE reloaded with enhancements

NEWS 17 FEB 26 CAS Registry Number crossover limit increased from 10,000 to 300,000 in multiple databases

NEWS 18 MAR 15 WPIDS/WPIX enhanced with new FRAGHITSTR display format

NEWS 19 MAR 16 CASREACT coverage extended

NEWS 20 MAR 20 MARPAT now updated daily

NEWS 21 MAR 22 LWPI reloaded

NEWS 22 MAR 30 RDISCLOSURE reloaded with enhancements

NEWS 23 MAR 30 INPADOCDB will replace INPADOC on STN

NEWS 24 APR 02 JICST-EPLUS removed from database clusters and STN

NEWS EXPRESS NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.03c(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.

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US 2007009472 A1 20070111 US 2006-479765 20060630
US 2007009472 A1 20070111 US 2005-696928P P 20050706

PRIORITY APPLN. INFO.:
AB Personal care compn. comprising an effective amt. of a zinc-contg. material; a surfactant; a cationic, or a nonionic thickening polymer, or a mixture thereof. The present invention may be a multi-phase personal care composition comprising: at least two phases wherein at least one of the phases comprises an effective amount of a zinc containing material, at least one surfactant, and at least one cationic or nonionic thickening polymer, or a mixture thereof, and the at least two phases are visually distinct phases that are packaged in phys. contact and maintain stability. In the present invention, the at least one cationic or nonionic thickening polymers, or mixts. thereof, does not bind completely to the zinc ions from the zinc containing material. A cosmetic composition contained sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, Polyquaternium-10 0.400, gellan gum 2.00, dimethicone 0.85, ZPT 1.000, glycol distearate 1.50, basic zinc carbonate 1.610, CMEA 1.600, hydrochloric acid 0.42, magnesium sulfate 0.28, sodium chloride 0.800, perfume 0.700, sodium benzoate 0.250, benzyl alc. 0.022, and water q.s. 100%.

REFERENCE COUNT: 6
THERE ARE 6 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 2 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2007:11065 USPATFULL Full-text
TITLE: Personal care compositions comprising a non-binding thickener with a metal ion

INVENTOR(S): Niebauer, Michael Frederick, Cincinnati, OH, UNITED STATES
Lane, Brandon Scott, Hamilton, OH, UNITED STATES
Schwartz, James Robert, West Chester, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES

NUMBER	KIND	DATE
US 2007009472	A1	20070111
US 2006-479765	A1	20060630 (11)

PATENT INFORMATION: US 2007009472 A1 20070111
APPLICATION INFO.: US 2006-479765 A1 20060630 (11)

PRIORITY INFORMATION: US 2005-696928P 20050706 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL BUSINESS CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 22
EXEMPLARY CLAIM: 1
LINE COUNT: 1254

CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Personal care composition comprising an effective amount of a zinc containing material; a surfactant; a cationic, or a nonionic thickening polymer, or a mixture thereof. The present invention may be a multi-phase personal care composition comprising: at least two phases wherein at least one of the phases comprises an effective amount of a zinc containing material, at least one surfactant, and at least one cationic or nonionic thickening polymer, or a mixture thereof, and the at least two phases are visually distinct phases that are packaged in physical contact and maintain

stability. In the present invention, the at least one cationic or nonionic thickening polymers, or mixtures thereof, does not bind completely to the zinc ions from the zinc containing material.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 3 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2006:202027 USPATFULL Full-text
TITLE: Diiodomethyl-p-tolylsulfone as a particulate dispersion in a liquid solvent in combination with an anti-dandruff active

INVENTOR(S): Schwartz, James Robert, West Chester, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Kaufman, David Joseph, Fairfield, OH, UNITED STATES
Tornos, Gregory V., Loveland, OH, UNITED STATES
Verbrugge, Theodore Jay, Reilly, OH, UNITED STATES

NUMBER	KIND	DATE
US 2006171911	A1	20060803
US 2006-341052	A1	20060127 (11)

PATENT INFORMATION:
APPLICATION INFO.:

NUMBER	DATE
US 2005-648239P	20050128 (60)

PRIORITY INFORMATION: US 2005-648239P 20050128 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 24
EXEMPLARY CLAIM: 1
LINE COUNT: 2776

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of diiodomethyl-p-tolylsulfone wherein the diiodomethyl-p-tolylsulfone is present as a particulate dispersion, an effective amount of a surfactant, and an effective amount of an antidandruff active.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 4 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2006:27552 USPATFULL Full-text
TITLE: Composition comprising particulate zinc material with a high relative zinc liability

INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
Schwartz, James Robert, West Chester, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Carl Hinz III, Cincinnati, OH, UNITED STATES
Tornos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Chang, Debora W., Mason, OH, UNITED STATES
Dunlop, David Scott, Mason, OH, UNITED STATES
Labitzke, Kevin M., Fairfield, OH, UNITED STATES
Murawski, Sandra Lou, Fairfield, OH, UNITED STATES
Gore, William Jeffrey, Montgomery, OH, UNITED STATES
Verbrugge, Theodore Jay, Reilly, OH, UNITED STATES
The Procter & Gamble Company (U.S. corporation)

AB A method of preserving wood includes injecting into the wood an effective amount of a aqueous wood-injectable biocidal slurry, said a wood-injectable biocidal slurry containing dispersants and sub-micron biocidal particles selected from at least one of the following classes: 1) a plurality of particles containing at least 25% by weight of a solid phase of sparingly soluble salts selected from copper salts, nickel salts, tin salts, and/or zinc salts; 2) a plurality of particles containing at least 25% by weight of a solid phase of sparingly soluble metal hydroxides selected from copper hydroxide, nickel hydroxide, tin hydroxide, and/or zinc hydroxide; 3) a plurality of particles containing at least 25% by weight of a solid phase comprising a substantially-insoluble organic biocide selected from triazoles, chlorothalonil, iodo-propynyl butyl carbamate, copper-8-quinolate, fipronil, imidacloprid, bifenthrin, carbaryl, strobilurins, and indoxacarb; 4) a plurality of particles containing on the outer surface thereof a substantially-insoluble organic biocide; 5) a plurality of particles containing a solid phase of a biocidal, partially or fully glassified composition comprising at least one of Zn, B, Cu, and P. The particles may advantageously contain metallic copper, a leachability barrier, pigments, dyes, or other adjuvants disposed on the outer surface thereof.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 6 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:289869 USPTAFULL Full-text
TITLE: Particulate wood preservative and method for producing same
INVENTOR(S): Richardson, H. Wayne, Sumter, SC, UNITED STATES
Hodge, Robert L., Sumter, SC, UNITED STATES

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 5 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005:292705 USPTAFULL Full-text
TITLE: Composition, method of making, and treatment of wood with an injectable wood preservative slurry having biocidal particles
INVENTOR(S): Hodge, Robert L., Sumter, SC, UNITED STATES
Richardson, H. Wayne, Sumter, SC, UNITED STATES
Pompeo, Michael P., Sumter, SC, UNITED STATES
Hayden, Christopher G., Alexandria, VA, UNITED STATES

PATENT INFORMATION: US 2005:255251 A1 20051117
APPLICATION INFO.: US 2005:130265 A1 20050517 (11)

PRIORITY INFORMATION: US 2004-571535P 20040517 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MORGAN LEWIS & BOCKIUS LLP, 1111 PENNSYLVANIA AVENUE NW, WASHINGTON, DC, 20004, US

NUMBER OF CLAIMS: 26
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 4498

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

PATENT INFORMATION: US 2005:252408 A1 20051117
APPLICATION INFO.: US 2004-961206 A1 20041012 (10)

PRIORITY INFORMATION: US 2004-571535P 20040517 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: MORGAN LEWIS & BOCKIUS LLP, 1111 PENNSYLVANIA AVENUE NW, WASHINGTON, DC, 20004, US

NUMBER OF CLAIMS: 47
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 4 Drawing Page(s)
LINE COUNT: 3124

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A wood preservative includes injectable particles comprising one or more sparingly soluble copper salts. The copper-based particles are sufficiently insoluble so as to not be easily removed by leaching but are sufficiently soluble to exhibit toxicity to primary organisms primarily responsible for the decay of the wood. Exemplary particles contain for example copper hydroxide, basic copper carbonate, copper carbonate, basic copper sulfates including particularly tribasic copper sulfate, basic copper nitrates, copper oxychlorides, copper borates, basic copper borates, and mixtures thereof. The particles typically have a size distribution in which at least 50% of particles have a diameter smaller than 0.25 µm, 0.2 µm, or 0.15 µm. At least about 20% and even more than 75% of the weight of the particles may

be composed of the substantially crystalline copper salt. Wood or a wood product may be impregnated with copper-based particles of the invention.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 7 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2005-234045 USPTAFULL Full-text
TITLE: Composition comprising zinc-containing layered material with a high relative zinc lability
INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Karl Hinz III, Cincinnati, OH, UNITED STATES
Tormos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Chang, Debora W., Mason, OH, UNITED STATES
Dunlop, David Scott, Mason, OH, UNITED STATES
Labitzke, Kevin M., Fairfield, OH, UNITED STATES
Murawski, Sandra Lou, Fairfield, OH, UNITED STATES
Gore, William Jeffrey, Montgomery, OH, UNITED STATES

PATENT INFORMATION: US 2005202984 A1 20050915
APPLICATION INFO.: US 2005-100648 A1 20050407 (11)
RELATED APPLN. INFO.: Continuation-in-part of Ser. No. US 2004-802166, filed on 17 Mar 2004, PENDING

NUMBER KIND DATE

US 2005202984 A1 20050915
US 2005-100648 A1 20050407 (11)
Continuation-in-part of Ser. No. US 2004-802166, filed on 17 Mar 2004, PENDING

PRIORITY INFORMATION: US 2003-455963P 20030318 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION
LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110 CENTER HILL AVENUE, CINCINNATI, OH, 45224, US

NUMBER OF CLAIMS: 28
EXEMPLARY CLAIM: 1
NUMBER OF DRAWINGS: 1
LINE COUNT: 1843
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB The present invention relates to a composition comprising an effective amount of zinc-containing layered material, an effective amount of a surfactant including a surfactant with an anionic functional group, an effective amount of a cationic polymer wherein the cationic polymer has a trimethylamine level of less than about 45 ppm, wherein the zinc-containing layered material has a relative zinc lability of greater than about 15% and further wherein the composition has a pH of greater than about 6.8.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 8 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004-799460 HCAPLUS Full-text
DOCUMENT NUMBER: 141:300999
TITLE: Augmentation of pyrrhione activity by zinc-containing layered material in cosmetic compositions
INVENTOR(S): Schwartz, James Robert; Johnson, Eric Scott; King,

Bonnie Theresa; Akred, Joyce Ross; Polson, George; Turlley, Patricia A.
The Procter & Gamble Company, USA; Arch Chemical PCT Int. Appl., 66 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2004082649 A1 20040930 WO 2004-US8485 20040318
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CM, CO, CR, CU, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MG, MK, MN, MW, MX, MY, NI, NO, NZ, OM, PG, PH, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW
RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AZ, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GN, GQ, GW, ML, MR, NE, SN, TD, TG

US 2004213751 A1 20041028 US 2004-803126 20040317
AU 2004222254 A1 20040930 AU 2004-222254 20040318
CA 2519433 A1 20040930 CA 2004-2519433 20040318
EP 1603521 A1 20051214 EP 2004-757640 20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK
BR 2004008422 A 20060321 BR 2004-8422 20040318
CN 1758895 A 20060412 CN 2004-80006594 20040318
JP 2006519769 T 20060831 JP 2005-518908 20040318
PRIORITY APPLN. INFO.: US 2003-455780P P 20030318
WO 2004-US8485 A 20040318
AB The present invention relates to a compn. comprising an effective amt. of pyrrhione or a polyvalent metal salt of a pyrrhione and an effective amount of a zinc-containing layered material which provides an augmentation factor >1. The present invention further relates to a method of treating microbial infections, fungal infections, or treating dandruff comprising the use of a composition comprising an effective amount of pyrrhione or a polyvalent metal salt of a pyrrhione, an effective amount of a zinc-containing layered material which provides an augmentation factor >1. Thus, a shampoo composition contained sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, EGDS 1.50, CMEA 0.800, cetyl alc. 0.600, guar hydroxypropyltrimonium chloride 0.500, Dimethicone 0.85, zinc pyrrhione 1.00, basic zinc carbonate 1.61, HCl 0.42, MgSO4 0.28, NaCl 0.800, perfume 0.750, sodium benzoate 0.250, Kathon 0.0008, benzyl alc. 0.0225, and water qs to 100%. THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 9 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004-799459 HCAPLUS Full-text
DOCUMENT NUMBER: 141:301021
TITLE: Cosmetic compositions comprising particulate zinc compounds having a defined crystallite size
INVENTOR(S): Schwartz, James Robert; Johnson, Eric Scott; King, Bonnie Theresa; Akred, Joyce Ross; Margraf, Karl Hinz III; Tormos, Gregory V.; Warnke, David Thomas; Wireko, Fred Christian

FAMILY ACC. NUM. COUNT: 3
PATENT INFORMATION:

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 73 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2004082648	A1	20040930	WO 2004-082648	20040930	WO 2004082647	A1	20040930	WO 2004-082647	20040930
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GR, GU, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MY, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SI, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW									
RW: BM, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, GU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG									
US 2004191331	A1	20040930	US 2003-742557	20031219	CA 2519350	A1	20040930	CA 2004-2519350	20040930
AU 2004222253	A1	20040930	AU 2004-222253	20040318	EP 1603520	A1	20040930	EP 2004-2519350	20040318
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, PL, SK									
BR 200408382	A	20060321	BR 2004-8382	20040318	CN 1758893	A	20060412	CN 2004-80006567	20040318
JP 2006515330	T	20060525	JP 2005-518907	20040318	JP 2006515331	T	20060525	JP 2005-518909	20040318
PRIORITY APPL. INFO.: WO 2004-082648									

AB The present invention discloses a compn. comprising a particulate zinc material wherein the particulate zinc material has a crystallite size of <600 Å. The present invention further comprises a shampoo composition comprising a surfactant, a particulate zinc material, a metal salt of pyrrhione, and a suspending agent wherein the particulate zinc material has a crystallite size of <600 Å. Thus, a shampoo composition contained sodium laureth sulfate 10.00, sodium lauryl sulfate 6.00, EGDS 1.50, CMEA 0.800, cetyl alc. 0.600, guar hydroxypropyltrimonium chloride 0.500, Dimethicone 0.85, zinc pyrithione 1.00, basic zinc carbonate 1.61, HCl 0.42, MGS04 0.28, NaCl 0.800, perfume 0.750, sodium benzoate 0.250, Kathon 0.0008, benzyl alc. 0.0225, and water qs to 100%.

AB The present invention relates to a compn. comprising an effective amt. of zinc-containing layered material, an effective amount of a surfactant including a surfactant with an anionic functional group, wherein the zinc-containing layered material has a relative zinc lability of greater than about 15%. The composition further comprises an effective amount of a pyrrhione or a polyvalent metal salt of a pyrrhione. Thus, a formulation contained sodium lauryl sulfate 2.00, decyl glucoside 10.00, EGDS 1.50, CMEA 0.800, cetyl alc. 0.600, guar hydroxypropyltrimonium chloride 0.500, Dimethicone 0.85, 2PT 1.00, basic zinc carbonate 1.61, HCl 0.42, MGS04 0.28, NaCl 0.800, perfume 0.750, sodium benzoate 0.250, Kathon 0.0008, benzyl alc. 0.0225, and water qs to 100%.

REFERENCE COUNT: 5 THERE ARE 5 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 11 OF 16 USPATFULL on STN
ACCESSION NUMBER: 2004:285781 USPATFULL Full-text
TITLE: Composition comprising zinc-containing layered material with a high relative zinc lability

INVENTOR(S): Schwartz, James Robert, West Chester, OH, UNITED STATES
Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tormos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES

PATENT INFORMATION: US 2004223941 A1 20041111 (10)
APPLICATION INFO.: US 2004-802166 A1 20040317 (10)

PRIORITY INFORMATION: US 2003-455963P 20030318 (60)

REFERENCE COUNT: 9 THERE ARE 9 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3 ANSWER 10 OF 16 HCAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2004:802702 HCAPLUS Full-text
DOCUMENT NUMBER: 141:301043
TITLE: Composition comprising zinc-containing layered material with a high relative zinc lability

INVENTOR(S): Schwartz, James Robert; Johnson, Eric Scott; King, Bonnie Theresa; Akred, Joyce Ross; Margraf, Carl Hinz, III; Tormos, Gregory V.; Warnke, David Thomas
The Procter & Gamble Company, USA
PCT Int. Appl., 55 pp.
CODEN: PIXXD2

PATENT ASSIGNEE(S): The Procter & Gamble Company, USA
SOURCE: PCT Int. Appl., 55 pp.
DOCUMENT TYPE: Patent
LANGUAGE: English

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:
THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110
CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

1 2079

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of zinc-containing layered material, an effective amount of a surfactant including a surfactant with an anionic functional group, wherein the zinc-containing layered material has a relative zinc lability of greater than about 15%. The present invention further relates to a composition according to Claim 1 wherein the composition further comprises an effective amount of a pyrrhione or a polyvalent metal salt of a pyrrhione.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 12 OF 16 USPATFULL on STN

2004:273260 USPATFULL Full-text

Augmentation of pyrrhione activity or a
polyvalent metal salt of pyrrhione activity
by zinc-containing layered material

INVENTOR(S):

Schwartz, James Robert, West Chester, OH, UNITED STATES
Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, NY, UNITED STATES
Akred, Joyce Ross, Cincinnati, OH, UNITED STATES
Polson, George, Harwinton, CT, UNITED STATES
Turley, Patricia A., Orange, CT, UNITED STATES

NUMBER	KIND	DATE
US 2004213751	A1	20041028
US 2004-803126	A1	20040317 (10)

PATENT INFORMATION:

APPLICATION INFO.:

PRIORITY INFORMATION:

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:
THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110
CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

1 2345

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to a composition comprising an effective amount of pyrrhione or a polyvalent metal salt of a pyrrhione and an effective amount of a zinc-containing layered material which provides an augmentation factor greater than 1. The present invention further relates to a method of treating microbial infections, fungal infections, or treating dandruff comprising the use of a composition comprising an effective amount of pyrrhione or a polyvalent metal salt of a pyrrhione, an effective amount of a zinc-containing layered material which provides an augmentation factor greater than 1.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 13 OF 16 USPATFULL on STN

2004:246737 USPATFULL Full-text

Composition comprising particulate zinc materials
having a defined crystallite size

INVENTOR(S):

Schwartz, James Robert, West Chester, OH, UNITED STATES
Johnson, Eric Scott, Hamilton, OH, UNITED STATES
King, Bonnie Theresa, Alexandria, KY, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tornos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
Wireko, Fred Christian, West Chester, OH, UNITED STATES
The Procter & Gamble Company (U.S. corporation)

PATENT ASSIGNEE(S):

NUMBER	KIND	DATE
US 2004191331	A1	20040930
US 2003-742557	A1	20031219 (10)

PATENT INFORMATION:

APPLICATION INFO.:

PRIORITY INFORMATION:

DOCUMENT TYPE:

FILE SEGMENT:

LEGAL REPRESENTATIVE:

THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110
CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS:

EXEMPLARY CLAIM:

1 2706

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention discloses a composition comprising a particulate zinc material wherein the particulate zinc material has a crystallite size less than 600 Å. The present invention further comprises a shampoo composition comprising an effective amount of a surfactant, an effective amount of a particulate zinc material, an effective amount of a metal salt of pyrrhione, and an effective amount of a suspending agent wherein the particulate zinc material has a crystallite size less than 600 Å.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 14 OF 16 USPATFULL on STN

2004:77076 USPATFULL Full-text

Use of materials having zinc ionophoric behavior
Schwartz, James R., West Chester, OH, UNITED STATES
Polson, George, Harwinton, CT, UNITED STATES
Turley, Patricia A., Orange, CT, UNITED STATES
Nelson, John D., Bethlehem, CT, UNITED STATES
Gavin, David F., Cheshire, CT, UNITED STATES
Roberts, Katherine P., Derby, CT, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Kaufman, David Joseph, Fairfield, OH, UNITED STATES
Marsh, Randall Glenn, West Chester, OH, UNITED STATES

PATENT INFORMATION:

APPLICATION INFO.:

NUMBER	KIND	DATE
US 2004058855	A1	20040325
US 2003-392104	A1	20030318 (10)

AB

Disclosed are compositions comprising an effective amount of a zinc containing material having an aqueous solubility within the composition of less than about 25% by weight at 25° C.; from about 5% to about 50% of a surfactant; and from about 40% to about 95% water; wherein the pH of the composition is greater than about 7. Further disclosed are compositions comprising an effective amount of a zinc containing material having an aqueous solubility within the composition of less than about 25% by weight at 25° C.; from about 5% to about 50% of a surfactant; and from about 0.1% to about 5% of a zinc ionophoric material; from about 40% to about 95% water; and wherein the pH of the composition is greater than about 7.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2003:306090 USPTAFULL Full-text
TITLE: Personal care compositions comprising a zinc containing material in an aqueous surfactant composition
INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
Crane, Elizabeth Ann, Martinez, CA, UNITED STATES
Schwartz, James Robert, West Chester, OH, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tormos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 97:61744 USPTAFULL Full-text
TITLE: Stabilizer for chlorine-containing polymers, process for the preparation thereof and chlorine-containing polymer composition
INVENTOR(S): Sato, Teiji, Tokyo, Japan
Sato, Toshio, Tokyo, Japan
Sugawara, Toshiaki, Tokyo, Japan
Sawada, Hiroshi, Tokyo, Japan
Wakaki, Seiji, Tokyo, Japan
Ohta, Satoru, Tokyo, Japan
Saito, Masaru, Tokyo, Japan
Mizusawa Industrial Chemicals, Inc., Tokyo, Japan
(non-U.S. corporation)

PATENT INFORMATION: JP 1995-15366 19950201
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Hoke, Veronica P.
LEGAL REPRESENTATIVE: Robbins, Berliner & Carson, LLP
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1, 12, 15
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 2262

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A stabilizer for chlorine-containing polymers and a process for its preparation. The stabilizer comprises a fat or oil-saponified product composite silicate in the form of hydrophobic particles of a composition containing:

siliceous compound particles composed chiefly of amorphous or low-crystalline silicate of a metal of the Group II of periodic table, a metal of the Group IV and/or a metal of the Group V;

higher fatty acid salts of a metal of the Group II, a metal of the Group IV and/or a metal of the Group V held in the pores or on the surfaces of said siliceous compound; and

PRIORITY INFORMATION: US 2002-374347P 20020422 (60)
DOCUMENT TYPE: Utility
FILE SEGMENT: APPLICATION

LEGAL REPRESENTATIVE: THE PROCTER & GAMBLE COMPANY, INTELLECTUAL PROPERTY
DIVISION, WINTON HILL TECHNICAL CENTER - BOX 161, 6110
CENTER HILL AVENUE, CINCINNATI, OH, 45224

NUMBER OF CLAIMS: 46
EXEMPLARY CLAIM: 1
LINE COUNT: 2371

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 15 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 2003:306090 USPTAFULL Full-text
TITLE: Personal care compositions comprising a zinc containing material in an aqueous surfactant composition
INVENTOR(S): Johnson, Eric Scott, Hamilton, OH, UNITED STATES
Crane, Elizabeth Ann, Martinez, CA, UNITED STATES
Schwartz, James Robert, West Chester, OH, UNITED STATES
Margraf, Carl Hinz, III, Cincinnati, OH, UNITED STATES
Tormos, Gregory V., Loveland, OH, UNITED STATES
Warnke, David Thomas, Cincinnati, OH, UNITED STATES
PATENT ASSIGNEE(S): The Procter & Gamble Company (U.S. corporation)

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L3 ANSWER 16 OF 16 USPTAFULL on STN
ACCESSION NUMBER: 97:61744 USPTAFULL Full-text
TITLE: Stabilizer for chlorine-containing polymers, process for the preparation thereof and chlorine-containing polymer composition
INVENTOR(S): Sato, Teiji, Tokyo, Japan
Sato, Toshio, Tokyo, Japan
Sugawara, Toshiaki, Tokyo, Japan
Sawada, Hiroshi, Tokyo, Japan
Wakaki, Seiji, Tokyo, Japan
Ohta, Satoru, Tokyo, Japan
Saito, Masaru, Tokyo, Japan
Mizusawa Industrial Chemicals, Inc., Tokyo, Japan
(non-U.S. corporation)

PATENT INFORMATION: JP 1995-15366 19950201
DOCUMENT TYPE: Utility
FILE SEGMENT: Granted
PRIMARY EXAMINER: Hoke, Veronica P.
LEGAL REPRESENTATIVE: Robbins, Berliner & Carson, LLP
NUMBER OF CLAIMS: 16
EXEMPLARY CLAIM: 1, 12, 15
NUMBER OF DRAWINGS: 6 Drawing Figure(s); 6 Drawing Page(s)
LINE COUNT: 2262

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A stabilizer for chlorine-containing polymers and a process for its preparation. The stabilizer comprises a fat or oil-saponified product composite silicate in the form of hydrophobic particles of a composition containing:

siliceous compound particles composed chiefly of amorphous or low-crystalline silicate of a metal of the Group II of periodic table, a metal of the Group IV and/or a metal of the Group V;

higher fatty acid salts of a metal of the Group II, a metal of the Group IV and/or a metal of the Group V held in the pores or on the surfaces of said siliceous compound; and

a glycerin and/or glycerin derivatives.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

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COST IN U.S. DOLLARS	SINCE FILE	TOTAL	
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FULL ESTIMATED COST	40.67	40.88	
DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE	TOTAL	
CA SUBSCRIBER PRICE	ENTRY	SESSION	
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